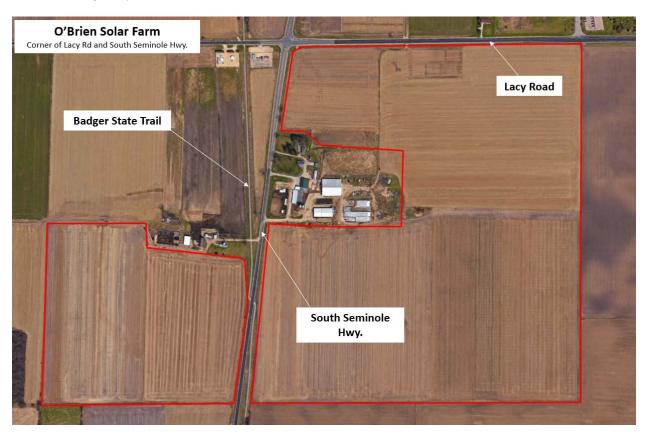


# **About the Project:**

Local solar development provides many benefits to host communities. Projects of this size provide local economic benefits and help to ensure a sustainable and reliable energy supply for customers.

## **Project location:**

O'Brien Farm; 2652 S. Seminole Hwy, Fitchburg, WI 53711 (Corner of Lacy Road and South Seminole Highway)



## **Energy Production:**

More than 39,000,000 kWh annually, which is enough energy to:

- Power nearly 6,300 typical homes annually
- Prevent the release of 27,713 Metric Tons of CO2, which is the equivalent to taking more than 5,800 cars off the road annually or planting more than 456,000 trees for 10 years.

# **About the Proposed Site:**

This site was selected because of its flat land, lack of wetlands, open space, suitable soil, and proximity to existing electric infrastructure.

**Purpose:** Electricity generated from the solar project will be used to power local businesses under MGE's Renewable Energy Rider Program. Under a RER, MGE partners with a large



energy user to tailor a renewable energy solution to meet that customer's energy needs. RER customers are responsible for costs associated with the renewable generation facility and any distribution costs to deliver energy to the business. The innovative model grows clean energy in our community.

#### **Local Economic Benefits**

- Draws outside investment into the community, particularly during construction, by hiring local subcontractors and increasing spending at local businesses that provide supplies, materials and services.
- Incentivizes local businesses to locate or stay in the area by providing access to renewable energy through long-term contracts with a locally based utility services provider.

# Sustainable Design and Construction

- Extensive consulting work is done prior to project construction to address any environmental and aesthetic impacts.
- Designed to fit well within agricultural settings and uses agricultural fencing as opposed to chain link.
- Replaces electricity generated by fossil fuels with clean, emission-free electricity, which
  means improved air and water quality.
- Can be fully decommissioned at end of term (typically 35 years), and land can be returned to previous use and condition.
- There are no emissions and minimal noise outside of the project area during operation.

## Local, Cost-Effective, Clean Energy

- By generating electricity with the sun, rather than imported fuel sources, we are able to provide a cost-effective source of local clean energy with no fuel costs.
- Generates electricity during times of peak use, lessening strain on the community grid and reducing the need for MGE to buy more expensive electricity from outside of its service territory.

We are committed to working with the community and keeping you informed. If you have questions or comments on the project, please contact:

Sterling Root
Manager, Business Development, EDF Renewables
(240) 620-1132
sterling.root@edf-re.com